TG I57c

Condenser Microphone

Features

- Flexible gooseneck
- Cardioid polar pattern ensures high gain before feedback
- Rugged construction

Applications

To pick up sound from brass instruments such as saxophones, trumpets, trombones or horns, a microphone really has to function at a high level, a requirement where the TG I 57c premium clip-on condenser microphone succeeds with flying colours. It can operate at extremely high maximum sound levels and reliably suppresses unwanted noise as a result of its cardioid polar pattern. The easy to mount clamp with gooseneck for optimal positioning protects the instrument's surface and provides a reliable hold.

Technical Specifications

Transducer type	Condenser (back electret)
Operating principle	Pressure gradient
Polar pattern	Cardioid
Frequency response	
Close miking	30 - 20,000 Hz
Distant miking (measured at 1 m)	100 - 20,000 Hz
Open circuit voltage	12.4 mV/Pa (-38.1 dBV) ±2.5 dB*
Max. SPL	136 dB*
S/N ratio	60 dB [CCIR; Q-Peak]*
Equivalent SPL	25 dB [A; RMS]*
Power supply	1.5 - 9 V DC or Phantom power (with CV 18)
Connection	4-pin female mini XLR connector
Dimensions	
Length	170 mm
Weight (without cable)	64 g

*measured with CV 18

Version

TG I57c	Instrument microphone, electret condenser, cardioid, with clip and 4-pole mini XLR plug	Order # 707.198

Optional Accessories

CV 18	Phantom power adapter to connect to phantom-powered microphone input	Order # 475.378
WS 53	Wind shield, black	Order # 436.607

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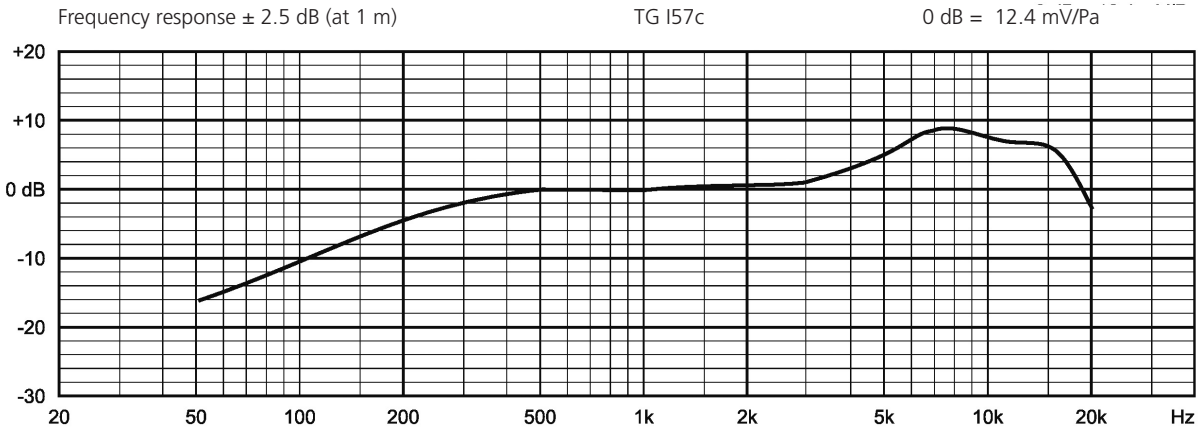
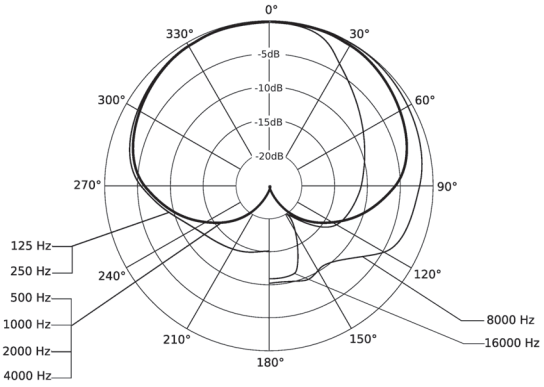
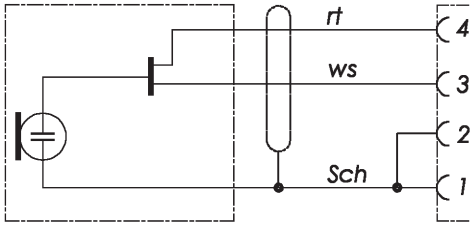
Frequency Response & Polar Pattern

This polar pattern and frequency response curve (± 2.5 dB) correspond to a typical production sample for this microphone.





Wiring Diagram



rt = rot / red / rouge
ws = weiß / white / blanc
Sch = Schirm / shield / écran

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